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FIGURES 1(a) - (b)

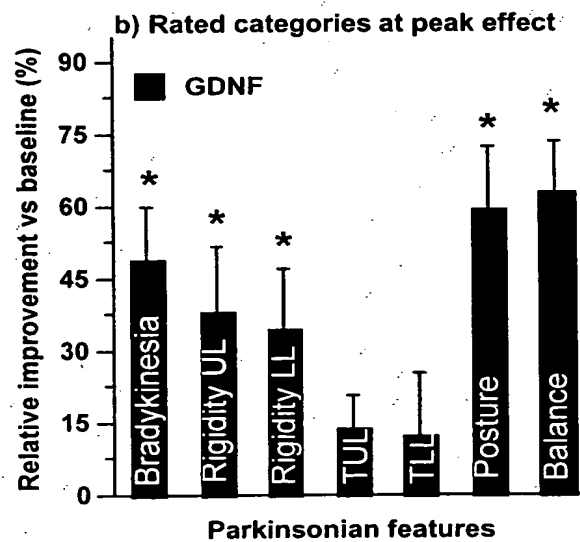
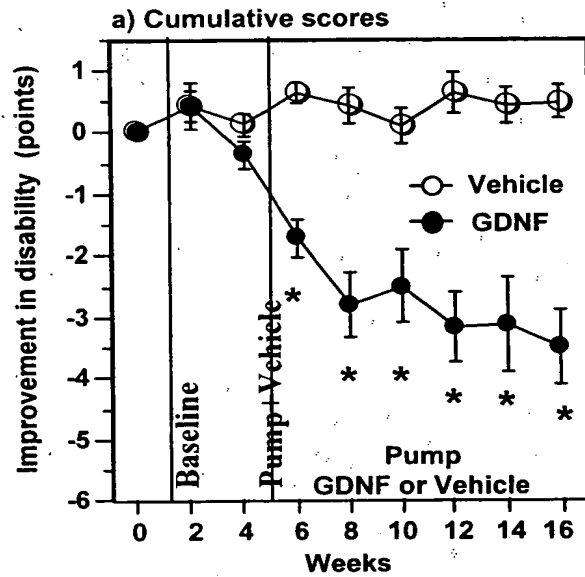
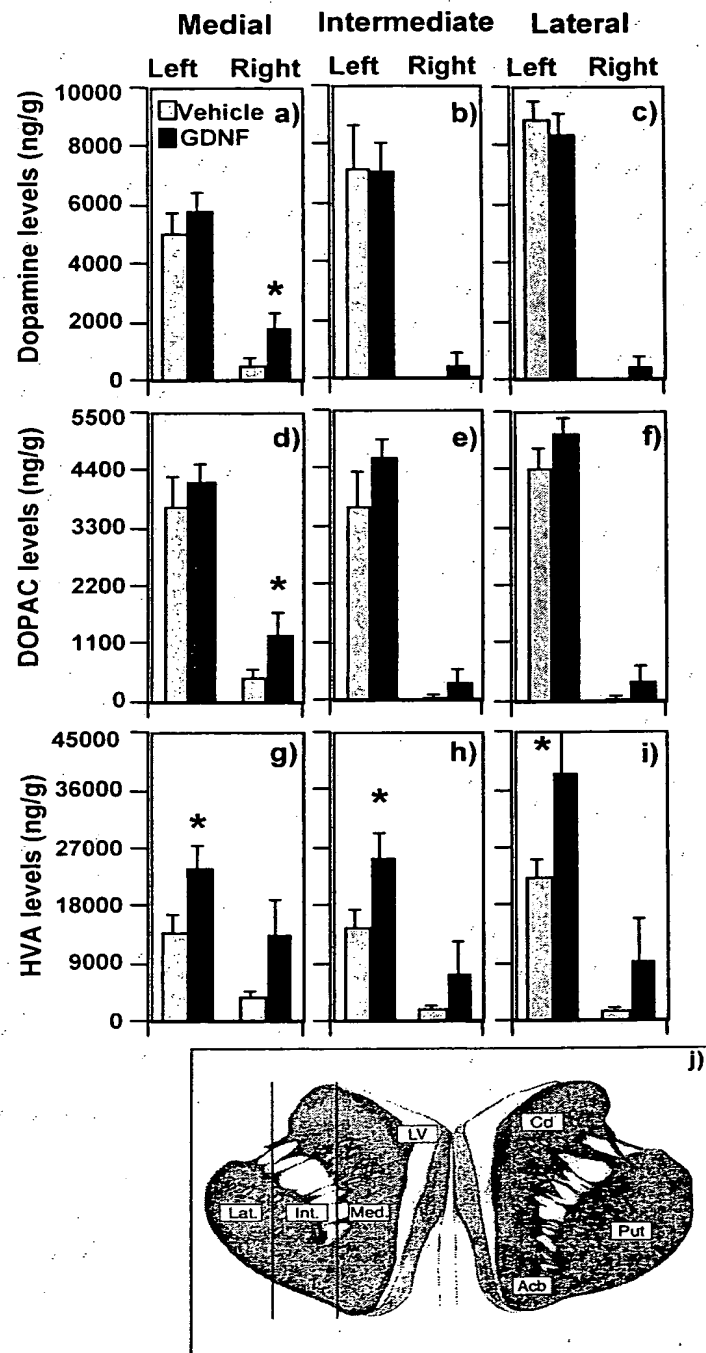


FIGURE 2(a) - (j)



FIGURES 3(a)-(j)

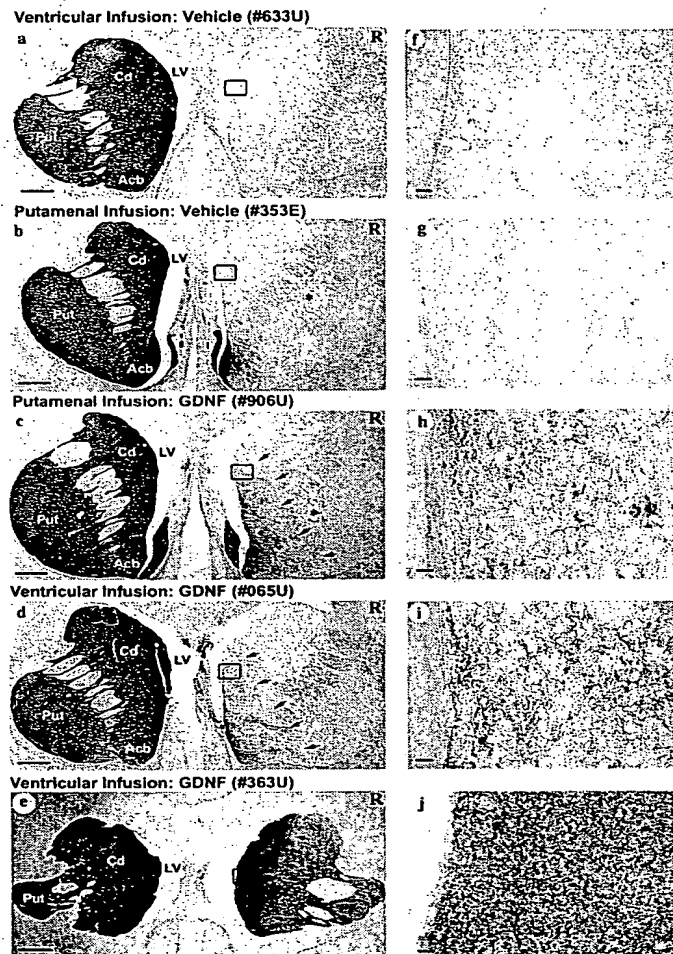


FIGURE 4

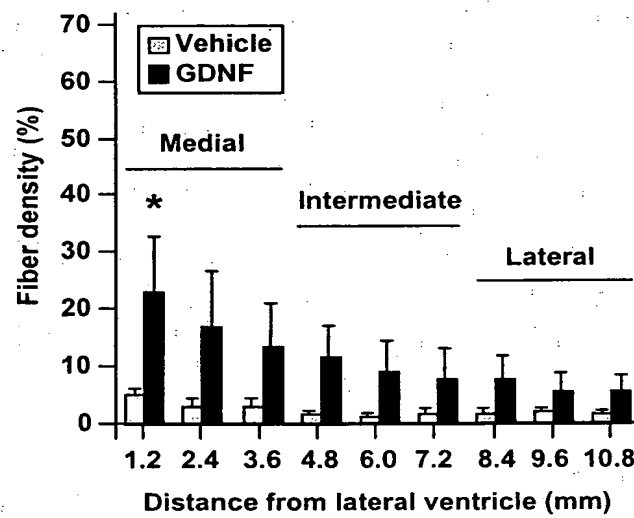


Figure 5(a)-(b)

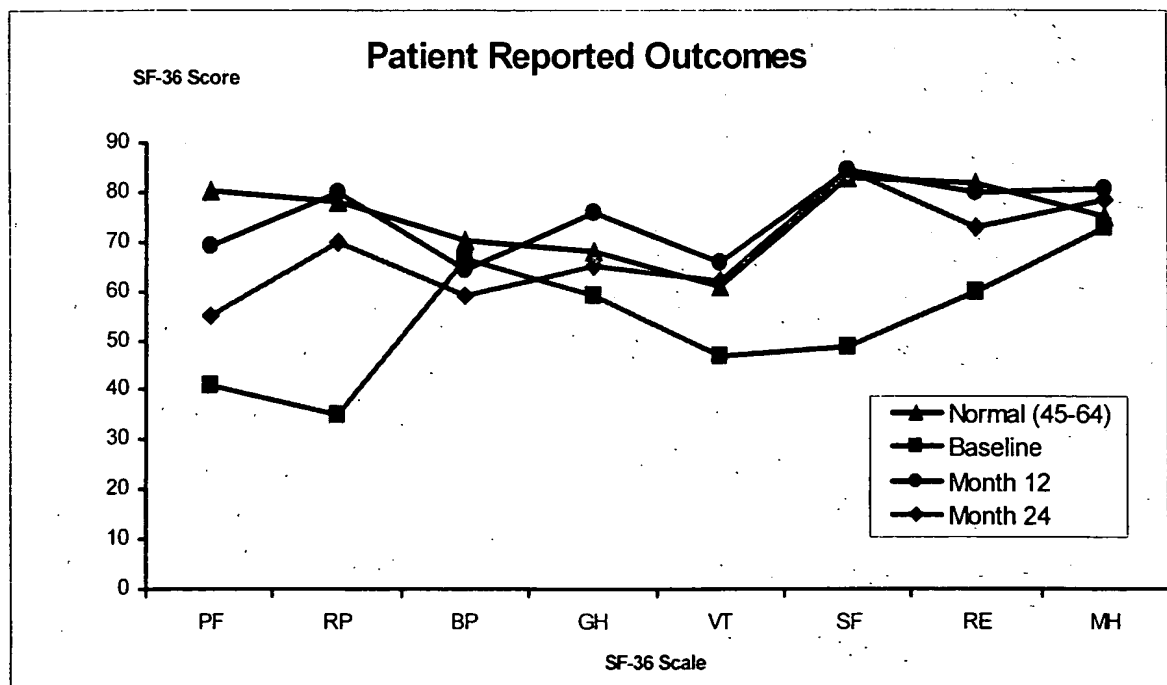
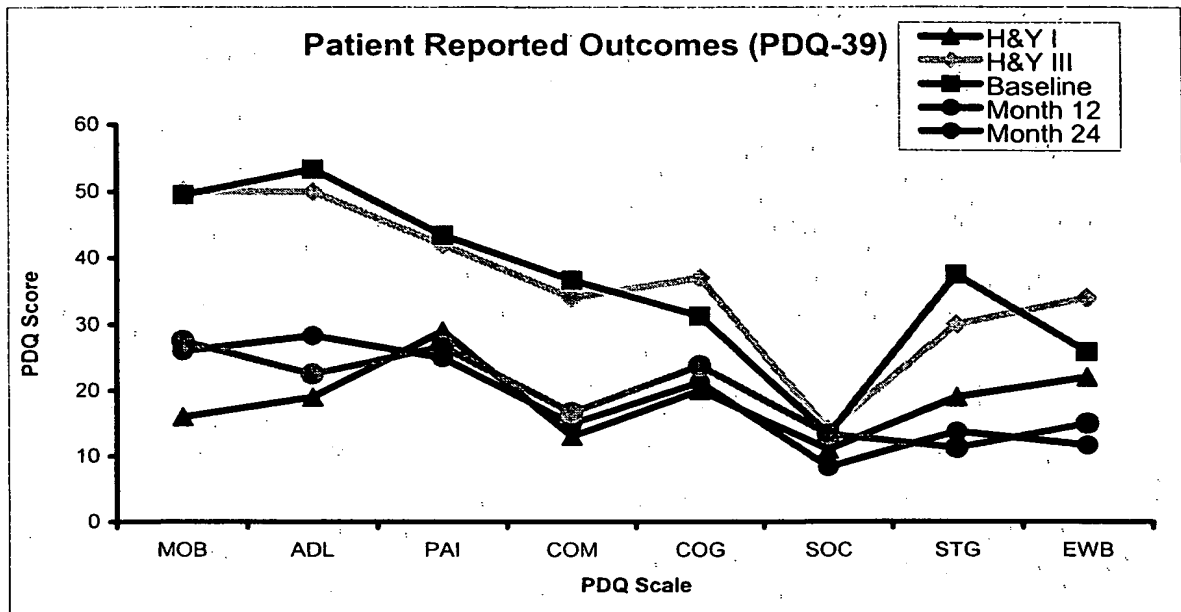


Figure 6(a)

Effects of GDNF on UPDRS and CAPIT clinical rating scores off and on medication

Time post GDNF treatment					
	Meds	Baseline	3 Months	6 Months	12 Months
UPDRS I - Total	Off	66 ± 15	46 ± 8.9 (-30%)	44 ± 6.5 (-33%)	35 ± 11 (-48%)
	On	28 ± 3.7	15 ± 3.2 (-48%)	20 ± 2.4 (-28%)	15 ± 3.4 (-45%)
UPDRS II - Activities of daily living	Off	21 ± 3.7	15 ± 3.0 (-30%)	13 ± 2.7 (-37%)	8.2 ± 3.3 (-61%)
	On	5.2 ± 2.2	2.0 ± 1.6 (-62%)	3.4 ± 0.9 (-35%)	2.6 ± 2.3 (-50%)
UPDRS III - Motor examination	Off	33 ± 6.9	25 ± 4.8 (-24%)	23 ± 2.9 (-32%)	20 ± 7.5 (-39%)
	On	10 ± 2.8	6.6 ± 3.6 (-39%)	9.0 ± 4.1 (-17%)	6.8 ± 4.2 (-37%)
UPDRS IVa - Dyskinesias	On	5.0 ± 2.6	1.8 ± 1.1 (-64%)	3.0 ± 1.5 (-40%)	1.8 ± 1.1 (-64%)
UPDRS IVb - Fluctuations	On	4.8 ± 2.6	3.2 ± 1.9 (-33%)	3.8 ± 1.6 (-21%)	3.4 ± 1.9 (-29%)
CAPIT - Pronation - supination	Off	38.4 ± 23	16.8 ± 4.9 (-56%)	16.0 ± 4.0 (-58%)	14.1 ± 4.4 (-63%)
	On	14.0 ± 3.2	11.6 ± 2.1 (-17%)	11.2 ± 1.9 (-20%)	10.9 ± 2.3 (-20%)
CAPIT - Hand arm movements	Off	18.4 ± 5.6	10.4 ± 2.9 (-43%)	9.3 ± 1.9 (-50%)	8.6 ± 3.2 (-53%)
	On	7.0 ± 1.8	5.6 ± 1.0 (-20%)	5.5 ± 1.1 (-22%)	5.6 ± 1.5 (-28%)
CAPIT - Finger dexterity	Off	64.8 ± 45	27.7 ± 8.8 (-57%)	28.2 ± 7.3 (-56%)	24.5 ± 5.1 (-62%)
	On	27.4 ± 9.4	20.9 ± 5.3 (-24%)	21.6 ± 3.9 (-21%)	19.8 ± 3.5 (-28%)
CAPIT - Leg movements	Off	17.1 ± 6.7	8.4 ± 1.8 (-51%)	7.4 ± 2.1 (-56%)	7.5 ± 1.3 (-56%)
	On	6.6 ± 0.5	5.7 ± 0.6 (-14%)	5.7 ± 0.4 (-14%)	5.5 ± 0.4 (-17%)

Figure 6(b)

Effects of GDNF on UPDRS and CAPIT clinical rating scores off and on medication

	Meds	Baseline	Time post GDNF treatment			
			12 Months	18 Months	24 Months	
UPDRS I - Total	Off	66 ± 15	35 ± 11 (-48%)	43 ± 17 (-36%)	28 ± 6.6 (-57%)	
	On	28 ± 3.7	15 ± 3.4 (-45%)	14 ± 3.1 (-51%)	14 ± 4.5 (-52%)	
UPDRS II - Activities of daily living	Off	21 ± 3.7	8.2 ± 3.3 (-61%)	11 ± 5.2 (-46%)	7.8 ± 1.8 (-63%)	
	On	5.2 ± 2.2	2.6 ± 2.3 (-50%)	2.2 ± 1.1 (-58%)	2.2 ± 1.3 (-58%)	
UPDRS III - Motor examination	Off	33 ± 6.9	20 ± 7.5 (-39%)	26 ± 12 (-24%)	15 ± 4.3 (-57%)	
	On	10 ± 2.8	6.8 ± 4.2 (-37%)	5.8 ± 2.0 (-46%)	5.6 ± 3.2 (-48%)	
UPDRS IVa - Dyskinesias	On	5.0 ± 2.6	1.8 ± 1.1 (-64%)	1.0 ± 1.2 (-75%)	1.6 ± 1.1 (-60%)	
UPDRS IVb - Fluctuations	On	4.8 ± 2.6	3.4 ± 1.9 (-29%)	3.6 ± 2.1 (-25%)	3.4 ± 1.7 (-29%)	
CAPIT - Pronation - supination	Off	38.4 ± 23	14.1 ± 4.4 (-63%)	14.3 ± 3.2 (-63%)	13.6 ± 0.7 (-64%)	
	On	14.0 ± 3.2	10.9 ± 2.3 (-20%)	11.1 ± 1.4 (-21%)	10.6 ± 1.7 (-25%)	
CAPIT - Hand arm movements	Off	18.4 ± 5.6	8.6 ± 3.2 (-53%)	10.3 ± 4.0 (-44%)	7.9 ± 2.9 (-57%)	
	On	7.0 ± 1.8	5.6 ± 1.5 (-28%)	5.1 ± 1.2 (-28%)	4.8 ± 1.3 (-32%)	
CAPIT - Finger dexterity	Off	64.8 ± 45	24.5 ± 5.1 (-62%)	24.9 ± 6.4 (-62%)	25.2 ± 7.4 (-61%)	
	On	27.4 ± 9.4	19.8 ± 3.5 (-28%)	19.6 ± 3.4 (-28%)	18.3 ± 4.5 (-33%)	
CAPIT - Leg movements	Off	17.1 ± 6.7	7.5 ± 1.3 (-56%)	10.3 ± 4.5 (-40%)	7.0 ± 0.9 (-59%)	
	On	6.6 ± 0.5	5.5 ± 0.4 (-17%)	5.8 ± 0.3 (-13%)	5.5 ± 0.4 (-17%)	

UPDRS - Numbers represent average scores for 5 patients ± SD

CAPIT - Numbers represent time (seconds) to complete task ± SD for the left limb